



COMMONWEALTH of VIRGINIA

C.M.G. BUTTERY, M.D.
COMMISSIONER

Department of Health
Richmond, Virginia 23219

May 12, 1988

MEMORANDUM

TO: Regional Managers
District Sanitarians

FROM: David D. Effert D.D.S.
Technical Services Chief
Bureau of Sewage and Water

SUBJECT: Mass drainfield criteria

Enclosed is the formula which can be used to estimate the nitrate concentration of groundwater near a mass drainfield. It is fairly self-explanatory. Also enclosed is information which can be used to predict water mounding under mass drainfields. Sample calculations are provided. The three formulas used to predict water mounding have been written into a basic computer program which is available from Charles Swanson of this department. He can be contacted at 786-5568.

If you have any additional questions, I can be reached at 786-1750.

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Enclosure